☐ **1:** AA432248. zw78b02.s1 Soares...[gi:2114636] Links

IDENTIFIERS

dbEST Id: **1075499**
EST name: zw78b02.s1
GenBank Acc: AA432248
GenBank gi: 2114636

CLONE INFO
Clone Id: IMAGE:782283 (3')
Source: IMAGE Consortium, LLNL
DNA type: cDNA

PRIMERS
Sequencing: -41m13 fwd. ET from Amersham
PolyA Tail: Unknown

SEQUENCE

TTTTTTTTTTTTTTTCATTTTGAAAATGCTTTAATAAGTGTTGACAACACTGTTTTGCAA
AATGTAAAGATACTATACAAATTCTTAATACAAAAAGAATAAATTAAAAGCAGATTTCTT
TTTTTAATTCTGCAACTTTGTCTACAACGTACATCTTTTTCATTGATTACAGTTGAACAG
AATCCAGTAAAATCATTTTACATGCTCTACAGTCAGTTTCAGGAGCAACCTAATCTTTTT
TCCCCCATTATTAAACTAGAGTCCATTTTACACAACTTGTAATAAACTATTGACATTAAT
GTATATGTAAAACTTTACACCTAGTTAACTAAGCAGTAACTGGTCATCTGATAGCACCTG
GATGGGGTTTGCTATATTTAGAACTAAACTAATACTGAATGAAAACAAATTGGAATTTTA
A

Entry Created: May 22 1997
Last Updated: May 22 1997

COMMENTS

This clone is available royalty-free through LLNL ; contact the IMAGE Consortium (info@image.llnl.gov) for further information.

LIBRARY
Lib Name: Soares_testis_NHT
Organism: Homo sapiens
Sex: male
Lab host: DH10B
Vector: pT7T3D-Pac (Pharmacia) with a modified polylinker
R. Site 1: Not I
R. Site 2: Eco RI
Description: 1st strand cDNA was prepared from mRNA obtained from Clontech Laboratories, Inc., and primed with a Not I - oligo(dT) primer [5' TGTTACCAATCTGAAGTGGGAGCGGCCGCCCAATTTTTTTTTTTTTTTT 3']. Double-stranded cDNA was ligated to Eco RI adaptors (Pharmacia), digested with Not I and cloned into the Not I

and Eco RI sites of the modified pT7T3 vector. Library went through one round of normalization to Cot5, and was constructed by Bento Soares and M. Fatima Bonaldo.

SUBMITTER

Name: Wilson RK
Institution: Washington University School of Medicine
Address: 4444 Forest Park Parkway, Box 8501, St. Louis, MO 63108
Tel: 314 286 1800
Fax: 314 286 1810
E-mail: est@watson.wustl.edu

CITATIONS

Title: WashU-Merck EST Project 1997
Authors: Hillier,L., Allen,M., Bowles,L., Dubuque,T., Geisel,G., Jost ,S., Kucaba,T., Lacy,M., Le,N., Lennon,G., Marra,M., Martin ,J., Moore,B., Schellenberg,K., Steptoe,M., Tan,F., Theising ,B., White,Y., Wylie,T., Waterston,R., Wilson,R.
Year: 1997
Status: Unpublished

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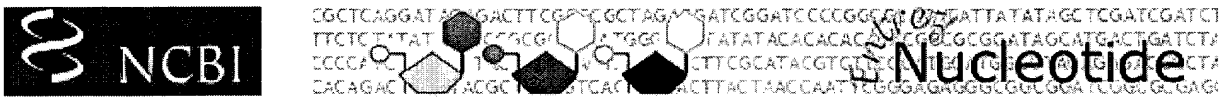

☐ **1:** H18957. ym46g08.s1 Soares...[gi:885197] Links

IDENTIFIERS

dbEST Id: **278895**
EST name: ym46g08.s1
GenBank Acc: H18957
GenBank gi: 885197
GDB Id: 424323

CLONE INFO
Clone Id: IMAGE:51513 (3')
DNA type: cDNA

PRIMERS
Sequencing: Promega -21m13
PolyA Tail: Unknown

SEQUENCE

TTTTTTTTTGTTTTAAACACTTTATTTATAAAAAAGTACATTTTTAATCCTCAGTACATT
TTCAACCCATCATTTTTTTTTAATACAAGTAAAAGGGGGTGATGCAAACACCCCCCAGGT
CAGAACCAGGAGGATCTGCTGGGCTGTCCCTGGACCAAAGGCGGAAAGGGCGACAAGACG
CCGAAGCAAGGTAGCGCATCACGCTGGGAGGGGAGGGTGGCAGCTTCTCCTGGGATTCTT
TTCATTTATACAAAAAAGGAAAACCAATTTTTTCGACCAAGAATCCCATTCCTCACAGCA
GGGGTCAGAAGAGCAGCAGCACCGAGT

Quality: High quality sequence stops at base: 305

Entry Created: Jun 29 1995
Last Updated: Jun 29 1995

COMMENTS

High quality sequence stops: 305
Source: IMAGE Consortium, LLNL
This clone is available royalty-free through LLNL ; contact the IMAGE Consortium (info@image.llnl.gov) for further information.

LIBRARY
Lib Name: Soares infant brain 1NIB
Organism: Homo sapiens
Sex: female
Organ: whole brain
Develop. stage: 73 days post natal
Lab host: DH10B (ampicillin resistant)
Vector: Lafmid BA
R. Site 1: Not I
R. Site 2: Hind III
Description: 1st strand cDNA was primed with a Not I - oligo(dT) primer [5' AACTGGAAGAATTCGCGGCCGCAGGAATTTTTTTTTTTTTTTTT 3']; double-stranded cDNA was ligated to Hind III adaptors

(Pharmacia), digested with Not I and directionally cloned into the Not I and Hind III sites of the Lafmid BA vector. Library went through one round of normalization. Library constructed by Bento Soares and M.Fatima Bonaldo.

SUBMITTER

Name: Wilson RK
Institution: Washington University School of Medicine
Address: 4444 Forest Park Parkway, Box 8501, St. Louis, MO 63108
Tel: 314 286 1800
Fax: 314 286 1810
E-mail: est@watson.wustl.edu

CITATIONS

Title: The WashU-Merck EST Project
Authors: Hillier,L., Clark,N., Dubuque,T., Elliston,K., Hawkins,M., Holman,M., Hultman,M., Kucaba,T., Le,M., Lennon,G., Marra,M., Parsons,J., Rifkin,L., Rohlfing,T., Soares,M., Tan,F., Trevaskis,E., Waterston,R., Williamson,A., Wohldmann,P., Wilson,R.
Year: 1995
Status: Unpublished

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☐ **1:** AW967462. EST379537 MAGE re...[gi:8157299] Links

IDENTIFIERS

dbEST Id: **4472956**
EST name: EST379537
GenBank Acc: AW967462
GenBank gi: 8157299

CLONE INFO
Plate: 241
DNA type: cDNA

PRIMERS
Sequencing: Forward
PolyA Tail: Unknown

SEQUENCE

AACATTAAGATTTTATTACAAACCATGCATTATATATTTCTTTACACTTAAGGAATAGAT
ATGAAACAATCTTGGAGTAAAAATTAGAAGGCAACTTGCTTCAAGTTTGTACCAAGTCAA
TCAAGCAGAAACCTGAAGAACCTTGTTTTAAGATGAGAGTCATTTATACTTGGCAGGCAT
TTTCTTCCAATGAAAAAATAAAGTCAATGTGCCATTATCTTGACACTTATAAAAATGTTT
ATAAAAAGCATTTAGGCCATTGATTCTCACAGTTGGCTGAATATTGGAATCACCTAGATT
AAAAAAAATACTAATCCCTATACAACATCCCCAAAATTCAGATTTAATTAGTGTAAGTTA
GGCCCTGGGCATATAGGCTGTTTTAAAATTCCTCGGGTGAGTCTAATGTGTACCAGTTTG
AAAACCACTAGCTTAGAGACCTGTTCCATCATCATAGAAGTCACTCTTTAGCTGAATGAT
TCTATATGCCCTGATTTCAGTGGGTAGTGTTGTTATTTTAAACATCTGATAGGTGTATCT
CCCTTGATTAAAAAATAAATACCTTATGGAAGAGATTATATGGTTTATTTA

Entry Created: Jun 1 2000
Last Updated: Jun 1 2000

LIBRARY
Lib Name: MAGE resequences, MAGJ
Organism: Homo sapiens
Vector: pBluescriptSKm

SUBMITTER
Name: John Quackenbush
Institution: The Institute for Genomic Research
Address: 9712 Medical Center Dr., Rockville, MD 20850, USA
Tel: 301 838 3528
Fax: 301 838 0208
E-mail: johnq@tigr.org

CITATIONS
Title: Assessment of gene expression patterns in a model of colon tumor metastasis using a 19,200 element cDNA microarray
Authors: Hegde,P., Qi,R., Abernathy,K., Dharap,S., Gaspard,R., Gay,C., Holt,I.E., Saeed,A.I., Sharov,V., Lee,N.H., Yeatman,T.J.,

Quackenbush,J.
Year: 2000
Status: Unpublished

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☐ **1:** N71027. za35d03.s1 Soares...[gi:1227607] Links

IDENTIFIERS

dbEST Id:	**477121**
EST name:	za35d03.s1
GenBank Acc:	N71027
GenBank gi:	1227607
GDB Id:	1239454

CLONE INFO

Clone Id:	IMAGE:294533 (3')
Source:	IMAGE Consortium, LLNL
DNA type:	cDNA

PRIMERS

Sequencing:	m13 -40 forward
PolyA Tail:	Unknown

SEQUENCE

AACCTAGACAAAAAGAAGAACCAAGTATAATAAAAAAAATCAAGAAACATGACAATAATG
GAGACTAAATCCCTCGATGGAAAGAATTATAATCATAAATGTAAGCCTTAAAGAGTTAAC
TTTAGATGTAGACAAGTCAAACTGAAGCACTAAAAACATGTTCGACCTTATATAACACAT
TCCTTAGGGGGAAAAAAAGATTTTTTAATATTGGAAAAAATATGGTTAGGCATAGTGGCT
CATGCCTGTAATCCCAGCACATTCAGAGGCCAAGGCGGGAGGACTGCTTGAGCTTAGGAG
TTCAAGACCAGCCTGGGCAACATAGTGAGACCTTGTCTCTACTTAAAAACCTAAAAAGAT
TAGCTGAGTATGGGTGGCATGCACCTATAGTCCCCGGCTACTANGGGAAGCTGAGGGC

Quality: High quality sequence stops at base: 362

Entry Created:	Mar 14 1996
Last Updated:	Mar 14 1996

COMMENTS

This clone is available royalty-free through LLNL ; contact the IMAGE Consortium (info@image.llnl.gov) for further information.

PUTATIVE ID Assigned by submitter
contains Alu repetitive element;

LIBRARY

Lib Name:	Soares fetal liver spleen 1NFLS
Organism:	Homo sapiens
Sex:	male
Organ:	Liver and Spleen
Develop. stage:	20 week-post conception fetus
Lab host:	DH10B (ampicillin resistant)
Vector:	pT7T3D (Pharmacia) with a modified polylinker
R. Site 1:	Pac I
R. Site 2:	Eco RI

Description: 1st strand cDNA was primed with a Pac I - oligo(dT) primer [5' AACTGGAAGAATTAATTAAAGATCTTTTTTTTTTTTTTTTT 3'], double-stranded cDNA was ligated to Eco RI adaptors (Pharmacia), digested with Pac I and cloned into the Pac I and Eco RI sites of the modified pT7T3 vector. Library went through one round of normalization. Library constructed by Bento Soares and M.Fatima Bonaldo.

SUBMITTER

Name: Wilson RK
Institution: Washington University School of Medicine
Address: 4444 Forest Park Parkway, Box 8501, St. Louis, MO 63108
Tel: 314 286 1800
Fax: 314 286 1810
E-mail: est@watson.wustl.edu

CITATIONS

Title: The WashU-Merck EST Project
Authors: Hillier,L., Clark,N., Dubuque,T., Elliston,K., Hawkins,M., Holman,M., Hultman,M., Kucaba,T., Le,M., Lennon,G., Marra,M. , Parsons,J., Rifkin,L., Rohlfing,T., Soares,M., Tan,F., Trevaskis,E., Waterston,R., Williamson,A., Wohldmann,P., Wilson,R.
Year: 1995
Status: Unpublished

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☐ **1:** AA410986. zv03a05.s1 Soares...[gi:2070092] Links

IDENTIFIERS

dbEST Id:	**1055547**
EST name:	zv03a05.s1
GenBank Acc:	AA410986
GenBank gi:	2070092
GDB Id:	5975360

CLONE INFO

Clone Id:	IMAGE:752528 (3')
Source:	IMAGE Consortium, LLNL
DNA type:	cDNA

PRIMERS

Sequencing:	-41m13 fwd. ET from Amersham
PolyA Tail:	Unknown

SEQUENCE

TTTTTTTTTTTTTTTTTGAGGGTAGAGCAGCATCTATTTAATATAATTTTTATATAGAAA
ATACAGGCATATTTAAAAATGGAAACATGTAAGAAAGTATGTCACAAGGAATAACAAAAT
ATATCACAAAATAAAAAAAGTAACCCCAAGTAACAAGTTTACTAAACAAGACCCAGCACC
ATGTTGGACTTTCTTTGCATAAGTTCCAGGATGCCCAGGCACTACCGAGGAGAGATGATC
CTGCTTTTGGGAGAGCCAGATGGTCGTGCAGTGGTTAAAACCCAGTCCTCCTTTTCCTGG
AACAGTTATGTCCCGTCCAAGAAGAAAGACATTGACATCGGGTTGGGCTTACACATTTTC
CACCATTTTAACAGGGAGACTGGCAAACAGCTGTATGACAGCGAGACCCCGTCCAGCCAG
GCGGGCAGTCACACTG

Quality:	High quality sequence stops at base: 185
Entry Created:	May 2 1997
Last Updated:	May 18 1997

COMMENTS

This clone is available royalty-free through LLNL ; contact the IMAGE Consortium (info@image.llnl.gov) for further information.
Possible reversed clone: similarity on wrong strand

PUTATIVE ID	Assigned by submitter TR:G642072 G642072 FIBRILLIN-1 ;

LIBRARY

Lib Name:	Soares_NhHMPu_S1
Organism:	Homo sapiens
Organ:	mixed (see below)
Tissue type:	Pooled human melanocyte, fetal heart, and pregnant uterus
Lab host:	DH10B
Vector:	pT7T3D-Pac (Pharmacia) with a modified polylinker
R. Site 1:	Not I

R. Site 2: Eco RI
Description: Equal amounts of plasmid DNA from three normalized libraries (melanocyte 2NbHM, pregnant uterus NbHPU, and fetal heart NbHH19W) were mixed, and ss circles were made in vitro. Following HAP purification, this DNA was used as tracer in a subtractive hybridization reaction. The driver was PCR-amplified cDNAs from pools of 5,000 clones made from the same 3 libraries. The pools consisted of I.M.A.G.E. clones 260232-265223, 340488-345479, and 484488-489479.

SUBMITTER

Name: Wilson RK
Institution: Washington University School of Medicine
Address: 4444 Forest Park Parkway, Box 8501, St. Louis, MO 63108
Tel: 314 286 1800
Fax: 314 286 1810
E-mail: est@watson.wustl.edu

CITATIONS

Title: WashU-Merck EST Project 1997
Authors: Hillier,L., Allen,M., Bowles,L., Dubuque,T., Geisel,G., Jost,S., Kucaba,T., Lacy,M., Le,N., Lennon,G., Marra,M., Martin,J., Moore,B., Schellenberg,K., Steptoe,M., Tan,F., Theising,B., White,Y., Wylie,T., Waterston,R., Wilson,R.
Year: 1997
Status: Unpublished

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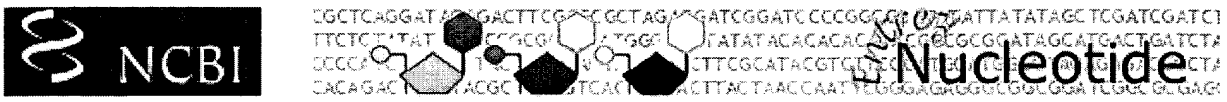

☐ **1:** AA620885. af95g06.s1 Soares...[gi:2524824] Links

IDENTIFIERS

dbEST Id: **1318692**
EST name: af95g06.s1
GenBank Acc: AA620885
GenBank gi: 2524824

CLONE INFO
Clone Id: IMAGE:1055578 (3')
Source: IMAGE Consortium, LLNL
Insert length: 1052
DNA type: cDNA

PRIMERS
Sequencing: -40m13 fwd. ET from Amersham
PolyA Tail: Unknown

SEQUENCE

TTTGAACATAAAAATTCTTTATTTAACCTAATCCAGCCAGTATTGAGATAGTTTGCTATA
TTAAAAACAAGACGTTTAAAAAAATTACAGCAAAGTTAGCAAGGCAGTGACTAATTAAGT
CACTAAGTTTAATTTTATATTCTTCACAGTCATTTCATAATCATGTAATGGTAAACAATA
TTTTCAGCCACTTTGGAGATAAGTTAACTTTTGAAAAGAATAGAATTCTAGTAGTCGTCA
TTGAATTTTATAAAAGAGGTTTAAAACATTAAAGTTTCCAGAAATAACACAGTAAAGAAA
TATGAAAATAAACTGGAAAATAAAATATACCCACCCATCCGAAAAATCTACATCATCTCT
TTCATTTGTCCCCAATGCCTTTC

Quality: High quality sequence stops at base: 344

Entry Created: Oct 15 1997
Last Updated: Mar 2 1998

COMMENTS

This clone is available royalty-free through LLNL ; contact the IMAGE Consortium (info@image.llnl.gov) for further information.

LIBRARY
Lib Name: Soares_testis_NHT
Organism: Homo sapiens
Sex: male
Lab host: DH10B
Vector: pT7T3D-Pac (Pharmacia) with a modified polylinker
R. Site 1: Not I
R. Site 2: Eco RI
Description: 1st strand cDNA was prepared from mRNA obtained from Clontech Laboratories, Inc., and primed with a Not I - oligo(dT) primer [5' TGTTACCAATCTGAAGTGGGAGCGGCCGCCCAATTTTTTTTTTTTTTTT 3']. Double-stranded cDNA was ligated to Eco RI adaptors

(Pharmacia), digested with Not I and cloned into the Not I and Eco RI sites of the modified pT7T3 vector. Library went through one round of normalization to Cot5, and was constructed by Bento Soares and M. Fatima Bonaldo.

SUBMITTER

Name: Wilson RK
Institution: Washington University School of Medicine
Address: 4444 Forest Park Parkway, Box 8501, St. Louis, MO 63108
Tel: 314 286 1800
Fax: 314 286 1810
E-mail: est@watson.wustl.edu

CITATIONS

Title: WashU-NCI human EST Project
Authors: Hillier,L., Allen,M., Bowles,L., Dubuque,T., Geisel,G., Jost ,S., Krizman,D., Kucaba,T., Lacy,M., Le,N., Lennon,G., Marra ,M., Martin,J., Moore,B., Schellenberg,K., Steptoe,M., Tan ,F., Theising,B., White,Y., Wylie,T., Waterston,R., Wilson ,R.
Year: 1997
Status: Unpublished

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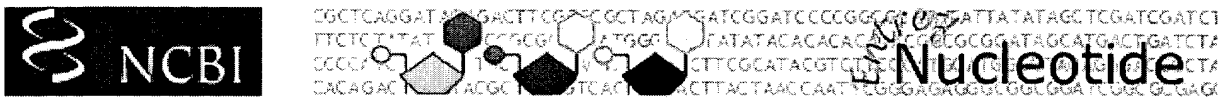

☐ **1:** AI368878. qw15a11.x1 NCI_CG...[gi:4147631] Links

IDENTIFIERS

dbEST Id:	**2157828**
EST name:	qw15a11.x1
GenBank Acc:	AI368878
GenBank gi:	4147631

CLONE INFO

Clone Id:	IMAGE:1991132 (3')
Source:	NCI
Insert length:	3608
DNA type:	cDNA

PRIMERS

Sequencing:	-40UP from Gibco
PolyA Tail:	Unknown

SEQUENCE

TTTTTTTTAACATAAAAATTCTTTATTTAACCTAATCCAGCCAGTATTGAGATAGTTTGC
TATATTAAAAACAAGACGTTTAAAAAAATTACAGCAAAGTTAGCAAGGCAGTGACTAATT
AAGTCACTAAGTTTAATTTTATATTCTTCACAGTCATTTCATAATCATGTAATGGTAAAC
AATATTTTCAGCCACTTTGGAGATAAGTTAACTTTTGAAAAGAATAGAATTCTAGTAGTC
GTCATTGAATTTTATAAAAGAGGTTTAAAACATTAAAGTTTCCAGAAATAACACAGTAAA
GAAATATGAAAATAAACTGGAAAATAAAATATACCCACCCATCCGAAAAATCTACATCAT
CTCTTTCATTTGTCCCCAATGCCTTTCTTTTACCTCTCCATTTACTTTTCCTA

Quality:	High quality sequence stops at base: 399
Entry Created:	Jan 11 1999
Last Updated:	Feb 15 1999

COMMENTS

Tissue Procurement: Christopher Moskaluk, M.D., Ph.D.,
Michael R. Emmert-Buck, M.D., Ph.D.
cDNA Library Preparation: Life Technologies, Inc.
cDNA Library Arrayed by: Greg Lennon, Ph.D.
DNA Sequencing by: Washington University Genome Sequencing Center
Clone distribution: NCI-CGAP clone distribution information can be found through the I.M.A.G.E. Consortium/LLNL at: www-bio.llnl.gov/bbrp/image/image.html

LIBRARY

Lib Name:	NCI_CGAP_Ut3
Organism:	Homo sapiens
Organ:	uterus
Tissue type:	poorly-differentiated endometrial adenocarcinoma, 2 pooled tumors
Lab host:	DH10B

Vector: pCMV-SPORT6
R. Site 1: SalI
R. Site 2: NotI
Description: Cloned unidirectionally. Primer: Oligo dT. Average insert size 1.45 kb. Life Technologies catalog #: 11541-018

SUBMITTER

Name: Robert Strausberg, Ph.D.
E-mail: cgapbs-r@mail.nih.gov

CITATIONS

Title: National Cancer Institute, Cancer Genome Anatomy Project (CGAP), Tumor Gene Index
Authors: NCI-CGAP http://www.ncbi.nlm.nih.gov/ncicgap
Year: 1997
Status: Unpublished

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☐ **1:** N52026. yz08e07.s1 Soares...[gi:1193192] Links

IDENTIFIERS

dbEST Id: **457555**
EST name: yz08e07.s1
GenBank Acc: N52026
GenBank gi: 1193192
GDB Id: 3900996

CLONE INFO
Clone Id: IMAGE:282468 (3')
Source: IMAGE Consortium, LLNL
DNA type: cDNA

PRIMERS
Sequencing: m13 -40 forward
PolyA Tail: Unknown

SEQUENCE

ACCCTGAGATAGAATAGATTTATTAGCAAGAGGTAATCAGGAAACATATATTTTTACAAA
AATGGAAATTTTTTTCCAAACAAGCTGTAAGTTGAAATATTTTAGGACTTGAAATAGAAT
TCTCATACCACTAGGTATTGCTTACAGCAAAAGTTGTCTGTCTGTTGTAGTGGAGCATGC
CTGCCACTTCGGAGTTAACCTGTGTTTTCTATACTGTACAGTGTAAAAAATACATGGTAA
TATTCACAGAATAAGCACTACATTACTATATTCCTGCTAGAAGGCATTTAGACAGGACTA
CAGTATATGCCATAAAAACACTTGGTTATTGGATTTTCCCTAATTCCTACAGTGTGGGTA
CTAAATTATCCACCAAGGTATACNGGACTTAAGAGCCATCCTCAATGGTAAGGCCTGGTA
AGTGACCCGTTANGCAGCCTTAAAGANGGAAAAAGTGACATTTTTGGGGTTCCCCGACTT
TCAGTG

Quality: High quality sequence stops at base: 194

Entry Created: Feb 15 1996
Last Updated: Feb 15 1996

COMMENTS

This clone is available royalty-free through LLNL ; contact the IMAGE Consortium (info@image.llnl.gov) for further information.

LIBRARY
Lib Name: Soares_multiple_sclerosis_2NbHMSP
Organism: Homo sapiens
Sex: male
Tissue type: multiple sclerosis lesions
Develop. stage: Age 46
Lab host: DH10B (ampicillin resistant)
Vector: pT7T3D (Pharmacia) with a modified polylinker V_TYPE: phagemid
R. Site 1: Not I
R. Site 2: Eco RI

Description: 1st strand cDNA was primed with a Not I - oligo(dT) primer [5' TGTTACCAATCTGAAGTGGGAGCGGCCGCATTTTTTTTTTTTTTTTTTT 3'], double-stranded cDNA was size selected, ligated to Eco RI adapters (Pharmacia), digested with Not I and cloned into the Not I and Eco RI sites of a modified pT7T3 vector (Pharmacia). Library went through one round of normalization to a Cot = 5. Library constructed by Bento Soares and M.Fatima Bonaldo. RNA from 4 multiple sclerosis lesions from one patient was kindly provided by Dr. Kevin G. Becker (NINDS/NIH).

SUBMITTER

Name: Wilson RK
Institution: Washington University School of Medicine
Address: 4444 Forest Park Parkway, Box 8501, St. Louis, MO 63108
Tel: 314 286 1800
Fax: 314 286 1810
E-mail: est@watson.wustl.edu

CITATIONS

Title: The WashU-Merck EST Project
Authors: Hillier,L., Clark,N., Dubuque,T., Elliston,K., Hawkins,M., Holman,M., Hultman,M., Kucaba,T., Le,M., Lennon,G., Marra,M., Parsons,J., Rifkin,L., Rohlfing,T., Soares,M., Tan,F., Trevaskis,E., Waterston,R., Williamson,A., Wohldmann,P., Wilson,R.
Year: 1995
Status: Unpublished

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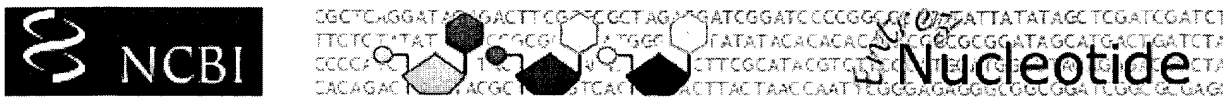

☐ **1:** H98215. yx09a02.s1 Soares...[gi:1119100] Links

IDENTIFIERS

dbEST Id:	**407094**
EST name:	yx09a02.s1
GenBank Acc:	H98215
GenBank gi:	1119100
GDB Id:	3870836

CLONE INFO

Clone Id:	IMAGE:261194 (3')
Insert length:	1053
DNA type:	cDNA

PRIMERS

Sequencing:	m13 -40 forward
PolyA Tail:	Unknown

SEQUENCE

CACAGGAACAATTCTTTTATTGTACATTGGAGAAATAGCCCTGTGTGCTGGTTCAAGGTG
CAACATACAGAATATTGAATTAAGAAAAGAGGGAACGGGGAAGGGAANGGAAACCTCTTT
GAGGTCCAAAGTTGNCAACAAAAAATGGTAAAAGATTTCCTCACGCAAGANGGCATTTTT
GCAAATACCATGCAAAACAGGCAGCTGGTGTGCCTTAAGAGAATCCCTATAAATAACAGA
AAAGACACTCCAAGCATTCCTGTACGTGGACTCAGAGCACAGAGAAAAGAAACTAAAATG
CCTTTTGGATTTCAAGATATTTGGCACTCTTGTGATTACATTTTTTTACAGTCCATTAAA
GGGGAATAAACTGACATAATATT

Quality: High quality sequence stops at base: 109

Entry Created:	Dec 12 1995
Last Updated:	Dec 12 1995

COMMENTS

High quality sequence stops: 109
Source: IMAGE Consortium, LLNL
This clone is available royalty-free through LLNL ; contact the IMAGE Consortium (info@image.llnl.gov) for further information.

LIBRARY

Lib Name:	Soares melanocyte 2NbHM
Organism:	Homo sapiens
Sex:	Male
Tissue type:	melanocyte
Lab host:	DH10B (ampicillin resistant)
Vector:	pT7T3D (Pharmacia) with a modified polylinker
R. Site 1:	Not I
R. Site 2:	Eco RI
Description:	1st strand cDNA was primed with a Not I - oligo(dT) primer [5' TGTTACCAATCTGAAGTGGGAGCGGCCGCAGTTTTTTTTTTTTTTTTT 3'],

double-stranded cDNA was size selected, ligated to Eco RI adapters (Pharmacia), digested with Not I and cloned into the Not I and Eco RI sites of a modified pT7T3 vector (Pharmacia). Library constructed by Bento Soares and M.Fatima Bonaldo. RNA from normal foreskin melanocytes (FS374) was kindly provided by Dr. Anthony P. Albino.

SUBMITTER

Name: Wilson RK
Institution: Washington University School of Medicine
Address: 4444 Forest Park Parkway, Box 8501, St. Louis, MO 63108
Tel: 314 286 1800
Fax: 314 286 1810
E-mail: est@watson.wustl.edu

CITATIONS

Title: The WashU-Merck EST Project
Authors: Hillier,L., Clark,N., Dubuque,T., Elliston,K., Hawkins,M., Holman,M., Hultman,M., Kucaba,T., Le,M., Lennon,G., Marra,M. , Parsons,J., Rifkin,L., Rohlfing,T., Soares,M., Tan,F., Trevaskis,E., Waterston,R., Williamson,A., Wohldmann,P., Wilson,R.
Year: 1995
Status: Unpublished

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☐ **1:** T87560. yd83b10.r1 Soares...[gi:715912] Links

IDENTIFIERS

dbEST Id: **157681**
EST name: yd83b10.r1
GenBank Acc: T87560
GenBank gi: 715912
GDB Id: 470428

CLONE INFO
Clone Id: IMAGE:114811 (5')
Insert length: 1110
DNA type: cDNA

PRIMERS
Sequencing: M13RP1
PolyA Tail: Unknown

SEQUENCE

NTAATACTGAGAGCGGAAGATTTTTTTAAAGAGATATGGTAGTTTAAATAGGTTTGTTTA
AAGAACTCTTGGGAAATTTCTTAACAAATTGTAATTGTTTTTATAAACCTTCCTACAGAG
TTGTGTACCATTCATCATCACCATCATTTAATATCTGTAAGTGCCCAGAAGGTACAAGGT
GCTATACAGCCGTTAAACACCCCCTCCCTGCAACTGTTTAAAATTAGAATAGATTTTTGC
ATCAACCACTGCTAGAAGCTTTCCCCACCTAGGTGGCCTGGCAAGGGCCTGCATTCCCAA
CATCCCATTACATGTTTCCCACTCCAGAAAGTCTCTGGGGTTTATTCCAGCNTTTTTATC
NTGGACGTGTCCCNTTTCACCCCCTGGGTTTGGGTTGGGTTGGGTTTGTTTTTTAAANTC
AGGAAAGTTTTCAGGGATTCAAAGGGGGTCNGGACNTTTTTTAACCCGGCGGAGTACAGG
TCCNTTTTTTTGCTANGGTTTTGTTGTGGTACAGGNAACCCCANTTGGCCNTTAGTGTGT
GGGTAGTTGT

Quality: High quality sequence stops at base: 324

Entry Created: Mar 17 1995
Last Updated: Mar 17 1995

COMMENTS

Insert Size: 1110
High quality sequence stops: 324 Source: IMAGE Consortium, LLNL This clone is available royalty-free through LLNL ; contact the IMAGE Consortium (info@image.llnl.gov) for further information.

LIBRARY
Lib Name: Soares fetal liver spleen 1NFLS
Organism: Homo sapiens
Sex: male
Organ: Liver and Spleen
Develop. stage: 20 week-post conception fetus
Lab host: DH10B (ampicillin resistant)
Vector: pT7T3D (Pharmacia) with a modified polylinker

R. Site 1: Pac I
R. Site 2: Eco RI
Description: 1st strand cDNA was primed with a Pac I - oligo(dT) primer [5' AACTGGAAGAATTAATTAAAGATCTTTTTTTTTTTTTTTTTT 3'], double-stranded cDNA was ligated to Eco RI adaptors (Pharmacia), digested with Pac I and cloned into the Pac I and Eco RI sites of the modified pT7T3 vector. Library went through one round of normalization. Library constructed by Bento Soares and M.Fatima Bonaldo.

SUBMITTER

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Institution: Washington University School of Medicine
Address: 4444 Forest Park Parkway, Box 8501, St. Louis, MO 63108
Tel: 314 286 1800
Fax: 314 286 1810
E-mail: est@watson.wustl.edu

CITATIONS

Title: The WashU-Merck EST Project
Authors: Hillier,L., Clark,N., Dubuque,T., Elliston,K., Hawkins,M., Holman,M., Hultman,M., Kucaba,T., Le,M., Lennon,G., Marra,M., Parsons,J., Rifkin,L., Rohlfing,T., Soares,M., Tan,F., Trevaskis,E., Waterston,R., Williamson,A., Wohldmann,P., Wilson,R.
Year: 1995
Status: Unpublished

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☐ **1:** AW275150. xv76c12.x1 NCI_CG...[gi:6662180] Links

IDENTIFIERS

dbEST Id: **3658251**
EST name: xv76c12.x1
GenBank Acc: AW275150
GenBank gi: 6662180

CLONE INFO
Clone Id: IMAGE:2819062 (3')
Source: NCI
DNA type: cDNA

PRIMERS
Sequencing: -40UP from Gibco
PolyA Tail: Unknown

SEQUENCE

TTTTTTTGAGGAATGAGCAATTTATTTCAATAAAGAGAAAGCATTAATTTTGCTACAGTG
GGAAAAAATGAACTCAAGAGTTGCTACATTTAACTGTATCCCCATTTATCTCTGCACGAT
GTCTTTATCTCAGTGTCTCAATTCACACTAAAATATTGAATGAGAAATACACCACGTTGG
CTGATTGCTTGACATGTCTGATTTAGGGAGACTTCTACAACCACTCCTCTCTTTTTTCTC
CCAGTAAATACTTTTGACTTTGACACCTACCATATTGGAAATGACAGGTGCCCGAGGGCA
AGTGCATCAAAGCAGTTAGGATTCGAATGCTTGCTAAGGATTATTTTTTTAATGGAGCAG
TTCTATTGAATCCTGAAAATGCAGAACCCAGTGAATCTCCTTTAT

Quality: High quality sequence stops at base: 404

Entry Created: Jan 3 2000
Last Updated: Jan 3 2000

COMMENTS

Tissue Procurement: Chris Moskaluk, M.D., Ph.D., Michael R. Emmert-Buck, M.D., Ph.D. cDNA Library Preparation: Life Technologies, Inc. cDNA Library Arrayed by: Christa Prange, The I.M.A.G.E. Consortium DNA Sequencing by: Washington University Genome Sequencing Center
Clone distribution: NCI-CGAP clone distribution information can be found through the I.M.A.G.E. Consortium/LLNL at: www-bio.llnl.gov/bbrp/image/image.html

LIBRARY
Lib Name: NCI_CGAP_Lu28
Organism: Homo sapiens
Organ: lung
Tissue type: two pooled squamous cell carcinomas
Lab host: DH10B
Vector: pCMV-SPORT6
R. Site 1: SalI
R. Site 2: NotI

Description: Cloned unidirectionally. Primer: Oligo dT. Library constructed by Life Technologies.

SUBMITTER

Name: Robert Strausberg, Ph.D.
E-mail: cgapbs-r@mail.nih.gov

CITATIONS

Title: National Cancer Institute, Cancer Genome Anatomy Project (CGAP), Tumor Gene Index
Authors: NCI-CGAP http://www.ncbi.nlm.nih.gov/ncicgap
Year: 1997
Status: Unpublished

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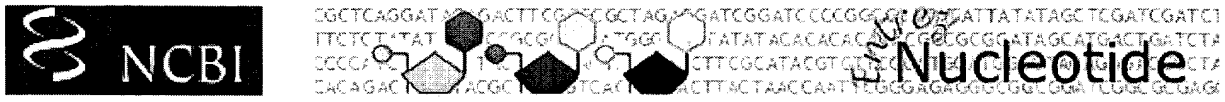

☐ **1:** AI521564. to64g08.x1 NCI_CG...[gi:4435699] Links

IDENTIFIERS

dbEST Id: **2337724**
EST name: to64g08.x1
GenBank Acc: AI521564
GenBank gi: 4435699

CLONE INFO
Clone Id: IMAGE:2183102 (3')
Source: NCI
Insert length: 4578
DNA type: cDNA

PRIMERS
Sequencing: -40UP from Gibco
PolyA Tail: no

SEQUENCE

AGCGGCCGCCCTTTTTTTTTTTTTTTTTTTTTGAGGAATGAGCAATTTATTTCAATAAAG
AGAAAGCATTAATTTTGCTACAGTGGGAAAAAATGAACTCAAGAGTTGCTACATTTAACT
GTATCCCCATTTATCTCTGCACGATGTCTTTATCTCAGTGTCTCAATTCACACTAAAATA
TTGAATGAGAAATACACCACGTTGGCTGATTGCTTGACATGTCTGATTTAGGGAGACTTC
TACAACCACTCCTCTCTTTTTTCTCCCAGTAAATACTTTTGACTTTGACACCTACCATAT
TGGAAATGACAGGTGCCCGAGGGCAAGTGCATCAAAGCAGTTAGGATTCGAATGCTTGCT
AAGGATTATTTTTTTAATGGAGCAGTTCTATTGAATCCTGAAAATGCAGAACCCAG

Quality: High quality sequence stops at base: 371

Entry Created: Mar 16 1999
Last Updated: May 12 1999

COMMENTS

Tissue Procurement: Christopher Moskaluk, M.D., Ph.D.,
Michael R. Emmert-Buck, M.D., Ph.D.
cDNA Library Preparation: Life Technologies, Inc.
cDNA Library Arrayed by: Greg Lennon, Ph.D.
DNA Sequencing by: Washington University Genome Sequencing Center
Clone distribution: NCI-CGAP clone distribution information can be found through the I.M.A.G.E. Consortium/LLNL at: www-bio.llnl.gov/bbrp/image/image.html

LIBRARY
Lib Name: NCI_CGAP_Gas4
Organism: Homo sapiens
Organ: stomach
Tissue type: poorly differentiated adenocarcinoma with signet ring cell features
Lab host: DH10B

Vector: pCMV-SPORT6
R. Site 1: SalI
R. Site 2: NotI
Description: Cloned unidirectionally. Primer: Oligo dT. Average insert size 1.69 kb. Life Technologies catalog #: 11549-011

SUBMITTER

Name: Robert Strausberg, Ph.D.
E-mail: cgapbs-r@mail.nih.gov

CITATIONS

Title: National Cancer Institute, Cancer Genome Anatomy Project (CGAP), Tumor Gene Index
Authors: NCI-CGAP http://www.ncbi.nlm.nih.gov/ncicgap
Year: 1997
Status: Unpublished

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